



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND
POLLUTION PREVENTION

OFFICE OF PESTICIDE PROGRAMS
REGISTRATION DIVISION

12/MAR/2020

MEMORANDUM

Subject: Name of Pesticide Product: Lambda-Cyhalothrin Technical
 EPA Reg. No. /File Symbol: 42750-GTE
 DP Barcode: D453429
 Decision No: 551655
 Action Code: R333
 PC Code: 128897 (lambda-cyhalothrin)

From: Eugenia McAndrew, Biologist
 Chemistry, Inerts and Toxicology Assessment Branch
 Registration Division (7505P)

To: Helen Hull-Sanders, Risk Management Team 03
 IVB 1
 Registration Division (7505P)

Applicant: Albaugh, LLC
 P.O. Box 2127
 Valdosta, GA 31604-2127

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Lambda-cyhalothrin	96.6

<u>Other Ingredients:</u>	<u>3.4</u>
Total:	100.0%

ACTION REQUESTED: Similarity determination for 42750-GTE, proposed product, and 100-1013, cited product.

BACKGROUND: Albaugh, LLC has applied for registration of Lambda-Cyhalothrin Technical, EPA File Symbol 42750-GTE, claiming to be substantially similar to Lambda-Cyhalothrin Technical, EPA Reg. No. 100-1013. Both products are technical grade for manufacturing use only. The submission includes a basic CSF dated June 3, 2019, label, data matrix and company letter.

The registrant is using the cite all method of data support to satisfy the acute toxicity data requirements. A search of the OPP electronic databases shows that the Technical Review Branch/Registration Division assigned an acute toxicity profile to the cited product, 100-1013, in a 2003 memo (Hashim; D289772; EPA Reg. No. 100-1013; 15/JULY/2003).

RECOMMENDATIONS:

1. We compared the basic CSFs and labels for the proposed product, 42750-GTE, and the cited product, 100-1013, and concluded that the two products are substantially similar.

2. The acute toxicity profile for the proposed product, Lambda-Cyhalothrin Technical, EPA File Symbol 42750-GTE, based on 100-1013, is as follows:

acute oral toxicity	I	cited	EPA Reg. No. 100-1013
acute dermal toxicity	II	cited	EPA Reg. No. 100-1013
acute inhalation toxicity	II	cited	EPA Reg. No. 100-1013
primary eye irritation	II	cited	EPA Reg. No. 100-1013
primary skin irritation	IV	cited	EPA Reg. No. 100-1013
dermal sensitization	negative	cited	EPA Reg. No. 100-1013

3. The signal word is DANGER.

4. The labels for the cited and proposed products have the Spanish signal word and PPE so both are included in this review.

5. The proposed basic CSF submitted for 42750-GTE must be reviewed and accepted by the product chemists in the Chemistry, Inerts and Toxicology Assessment Branch.

LABELING: Based on the toxicity profile above, the following are the precautionary and first aid statements for this product:

Product ID #: 42750-GTE

Product Name: Lambda-Cyhalothrin Technical

PRECAUTIONARY STATEMENTS



Signal Word: DANGER

Spanish Signal Word: PELIGRO

“Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)”

Hazards to Humans and Domestic Animals:

Fatal if swallowed. Maybe fatal if absorbed through skin. May be fatal if inhaled. Causes substantial but temporary eye injury. Do not get in eyes, on skin or on clothing. Do not breathe (dust, vapor or spray mist). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Wear coveralls over short-sleeved shirt and short pants, chemical resistant footwear and chemical resistant gloves. Wear appropriate protective eyewear. For handling activities, use a minimum of an elastometric half face NIOSH-approved respirator with organic vapor (OV) cartridges and a combination R or P filter (TC-84A); OR a NIOSH-approved gas mask with an OV canister (TC-14G) OR a NIOSH-approved powered air purifying respirator with an OV cartridge and combination HE filter (TC-23C).

First Aid:

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Note to Physician is required due to acute oral toxicity category 1. The following information should be addressed:

- Technical information on symptomatology
- Use of supportive treatments to maintain life functions
- Medicine that will counteract the specific physiological effects of the pesticide
- A company telephone number to specific medical personnel who can provide specialized medical advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.